

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A multifunction power convertor, comprising:

a rectifier circuit;

a filter circuit connecting with the rectifier circuit;

an inverter circuit connecting with the filter circuit;

differential mode voltage suppression reactors ( $LS_1$ ,  $LS_2$ ,  $LS_3$ ) which connect in series with the output lines (U, V, W) of the inverter circuit respectively; ~~and~~

a filter capacitor group, said filter capacitor group comprising a plurality ~~consists of~~ capacitors ( $C_3$ ,  $C_4$ ,  $C_5$ ), one ends of which ~~that~~ connect in series with the output lines (U, V, W); ~~while~~

wherein ~~the~~ other ends of said plurality of capacitors ( $C_3$ ,  $C_4$ ,  $C_5$ ) connect in parallel and form a center point (N);

~~characterized in that~~ wherein a closed magnetic ring is provided on the output lines (U, V, W) of the inverter circuit between the differential mode voltage suppression reactors and the filter capacitor group; and ; and

wherein the closed magnetic ring is arranged in such way that the output lines (U, V, A, W) wind in parallel on the closed magnetic ring.

2. (Currently Amended) The multifunction power convertor of ~~elaimed in claim 1 or its preamble portion,~~ wherein the center point (N) of the filter capacitor group connects with a ~~the~~ center point (A) of a ~~the~~ DC source of the rectifier ~~filter~~ circuit and together join ~~the~~ ground.